

207275.0572 (CUNO-407.1)

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

SALE, et al.

Serial No.: 10,072,202

Eiled: February 7, 2002

For: PREMETERED, UNSUPPORTED  
MULTIZONE MICROPOROUS  
MEMBRANE



Examiner:

Group Art Unit: 1762

1502  
#2  
I.D.S.  
08-16-02

Commissioner for Patents  
Washington, D.C. 20231

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MAY 2 2002

TC 1700

**TRANSMITTAL OF  
INFORMATION DISCLOSURE STATEMENT  
WITHIN THREE MONTHS OF FILING DATE OR  
BEFORE MAILING OF FIRST OFFICE ACTION**

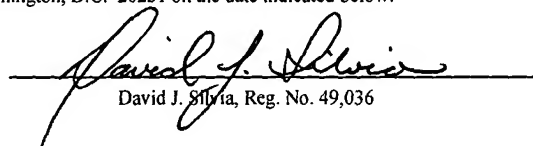
Sir:

In accordance with 37 C.F.R. §1.56, the materials listed on the attached PTO-1449 form are being brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application. Pursuant to 37 C.F.R. 1.98(d), copies of those references cited which are not enclosed herewith have been submitted in connection with the parent application, U.S. Patent Application Serial No. 09/923,640, filed August 7, 2001, of which this patent application is a Continuation-in-Part Application. If the Examiner requires copies of any of the references cited herein, please do not hesitate to contact the undersigned.

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on the date indicated below.

Date: April 24, 2002

  
David J. Silvia, Reg. No. 49,036

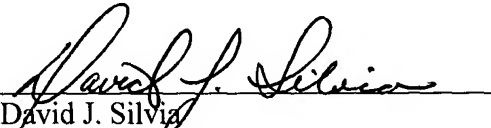
The Information Disclosure Statement submitted herewith is being filed within three months of the filing date of the above-identified application or date of entry into the national stage of an international application related thereto, or, to the best of applicant's knowledge, before the mailing date of the first Office Action on the merits, whichever occurs last.

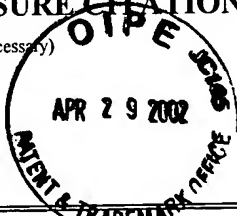
The filing of this information disclosure statement shall not be construed to be a representation that a search has been conducted, nor shall it be construed as an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

It is respectfully requested that the Examiner return a copy of the attached form PTO-1449 with initials or other appropriate marks indicating consideration of the cited materials.

Respectfully submitted,

Date: April 24, 2002

  
David J. Silvia  
Reg. No. P-49,036  
CUMMINGS & LOCKWOOD  
Four Stamford Plaza  
P.O. Box 120  
Stamford, CT 06904  
(203) 351-4474

Form PTO-1449 (modified 2/91)  <b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)	U.S. DEPT OF COMMERCE Patent and Trademark Office  Attorney Docket Number: 207275.0572 (CUNO-407.1)	Serial No.:  <div style="text-align: right;"> <b>RECEIVED</b>          MAY 2 2002  <b>TC 1700</b> </div>
	Applicant: SALE et al.	Group Art Area: TBD
	Filing date: February 7, 2002	

## U.S. PATENT DOCUMENTS

Examiner Initial	Patent number	Date	Name	Class	Subclass	Filing date if appropriate
	3,876,738	04/08/75	Marinaccio et al.	264	41	
	4,001,024	01/04/77	Dittman et al.	96	87 R	
	4,203,848	05/20/80	Grandine, 2nd	210	490	
	4,340,479	07/20/82	Pall	210	490	
	4,340,480	07/20/82	Pall et al.	210	490	
	4,489,671	12/25/84	Choinski	118	412	
	4,629,563	12/16/86	Wrasidlo	210	500.34	
	4,645,602	02/24/87	Barnes, Jr. et al.	210	490	
	4,707,265	11/17/87	Barnes, Jr. et al.	210	638	
	4,770,777	09/13/88	Steadly et al.	210	490	
	4,774,039	09/27/88	Wrasidlo	264	41	
	4,854,262	08/08/89	Chino et al.	118	411	
	4,933,081	06/12/90	Sasaki et al.	210	490	
	5,171,445	12/15/92	Zepf	210	500	
	5,188,734	02/23/93	Zepf	210	490	
	5,256,357	10/26/93	Hayward	264	171	
	5,433,859	07/18/95	Degen	210	651	
	5,500,167	03/19/96	Degen	264	41	
	5,620,790	04/15/97	Holzki et al.	428	315.9	
	5,741,549	04/21/98	Maier et al.	427	294	
	5,834,107	11/10/98	Wang et al.	428	310.5	
	5,962,075	10/05/99	Sartor et al.	427	356	
	6,040,392	03/21/00	Khanna et al.	525	432	
	6,090,441	07/18/00	Vining et al.	427	244	
	6,264,044	07/24/01	Meyering et al.	210	490	
	6,280,791	08/28/01	Meyering et al.	427	244	

## FOREIGN PATENT DOCUMENTS

	Document number	Date	Country	Class	Subclass	Translation	
	WO 99/47,246	23 Sept. 99	WIPO				
	WO 93/22,034	11 Nov. 93	WIPO				



Form PTO-1449 (modified 2/91)  <b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)	U.S. DEPT OF COMMERCE Patent and Trademark Office	Attorney Docket Number: 207275.0572 (CUNO-407.1)	Serial No.:  <b>RECEIVED</b> <b>MAY 2 2002</b> <b>TC 1700</b>
	Applicant: SALE et al.		
	Filing date: February 7, 2002	Group Art Area: TBD	

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

ASTM (American Society for Testing and Materials) - Designation: E 1294-89 (Reapproved 1999) Standard Test Method for Pore Size Characteristics of Membrane Filters Using Automated Liquid Porosimeter - This test method uses the automated bubble point method described in ASTM Test Method F316, pages 1 and 2 of 2.
Master Thesis written by Shawn David Taylor titled "Two Layer Slot Coating Study of Die Geometry and Interfacial Region", a Thesis Submitted to the School of Graduate Studies in Partial Fulfillment of the Requirements for the Degree Master of Engineering, McMaster University, Hamilton, Ontario, Canada, July 1997.
Copy of text cover <i>Liquid Film Coating, Scientific Principles and Their Technical Implications</i> , Edited by Stephan F. Kistler and Peter M. Schweizer, First Edition 1997, Chapman & Hall.
Concepts and Criteria for Die Design, Troller Schweizer Engineering brochure.
Provisional Patent Application Serial No. 60/223,359 filed August 7, 2000.
International Search Report dated 06 November 2001.

Examiner:	Date Considered:
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.	